

09661509 .091300

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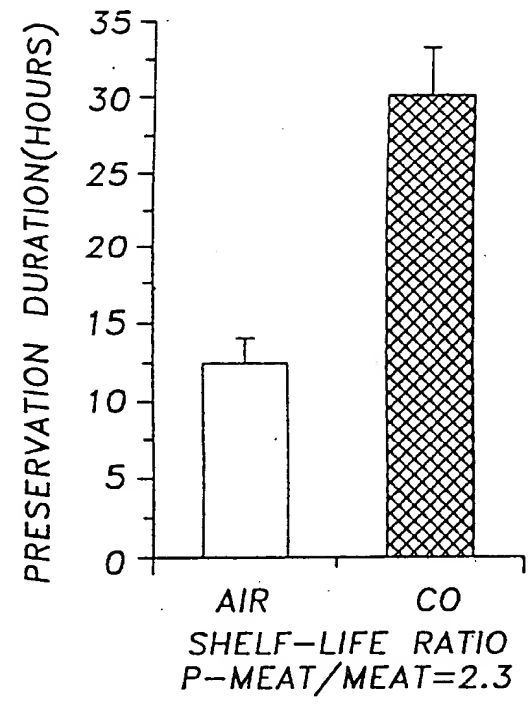


Fig - 1

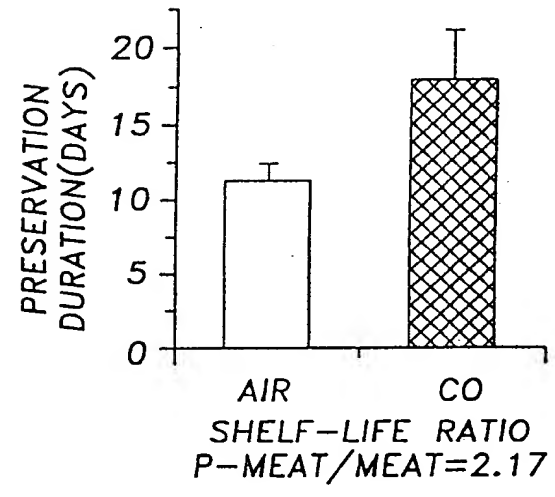


Fig - 2a

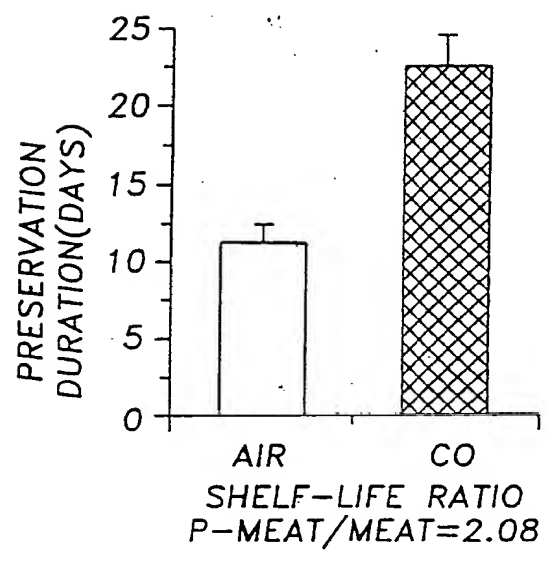


Fig - 2b

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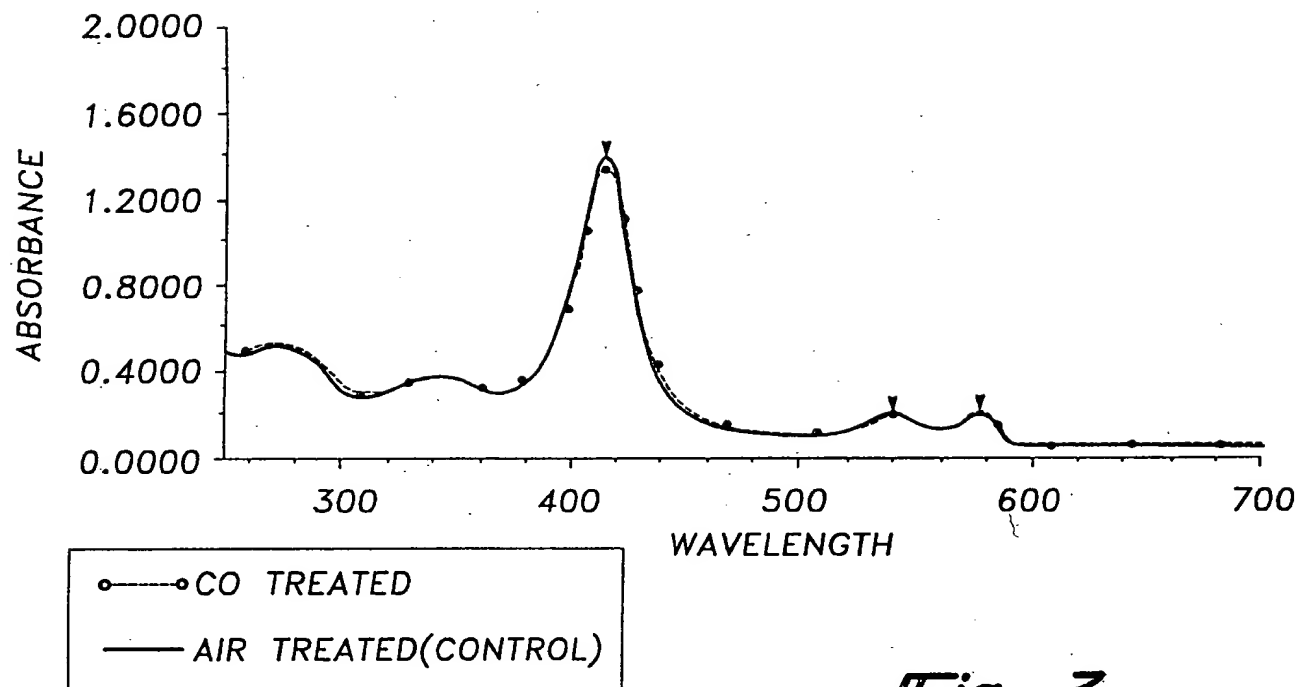


Fig - 3



BEEF STEAKS MAINTAINED  
IN SEALED PLASTIC BAGS FOR 24 HOURS

- A. VACUUM PACKED ( $7^{\circ}\text{C}$ )
- B. FILLED WITH NITROGEN ( $15 \pm 3^{\circ}\text{C}$ )
- C. FILLED WITH AIR ( $15 \pm 3^{\circ}\text{C}$ )
- D. FILLED WITH CO ( $15 \pm 3^{\circ}\text{C}$ )

**Fig - 4**

*Air packed**CO packed*

BEEF CHUNKS MAINTAINED AT 4°C FOR 21 DAYS  
AND ADDITIONAL 14 DAYS UNDER AIR

*Fig - 5*

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*Air packed**CO packed*

BEEF CHUNKS MAINTAINED AT 4°C FOR 21 DAYS

RIGHT: CO PACKED  
LEFT: AIR PACKED

Fig - 6

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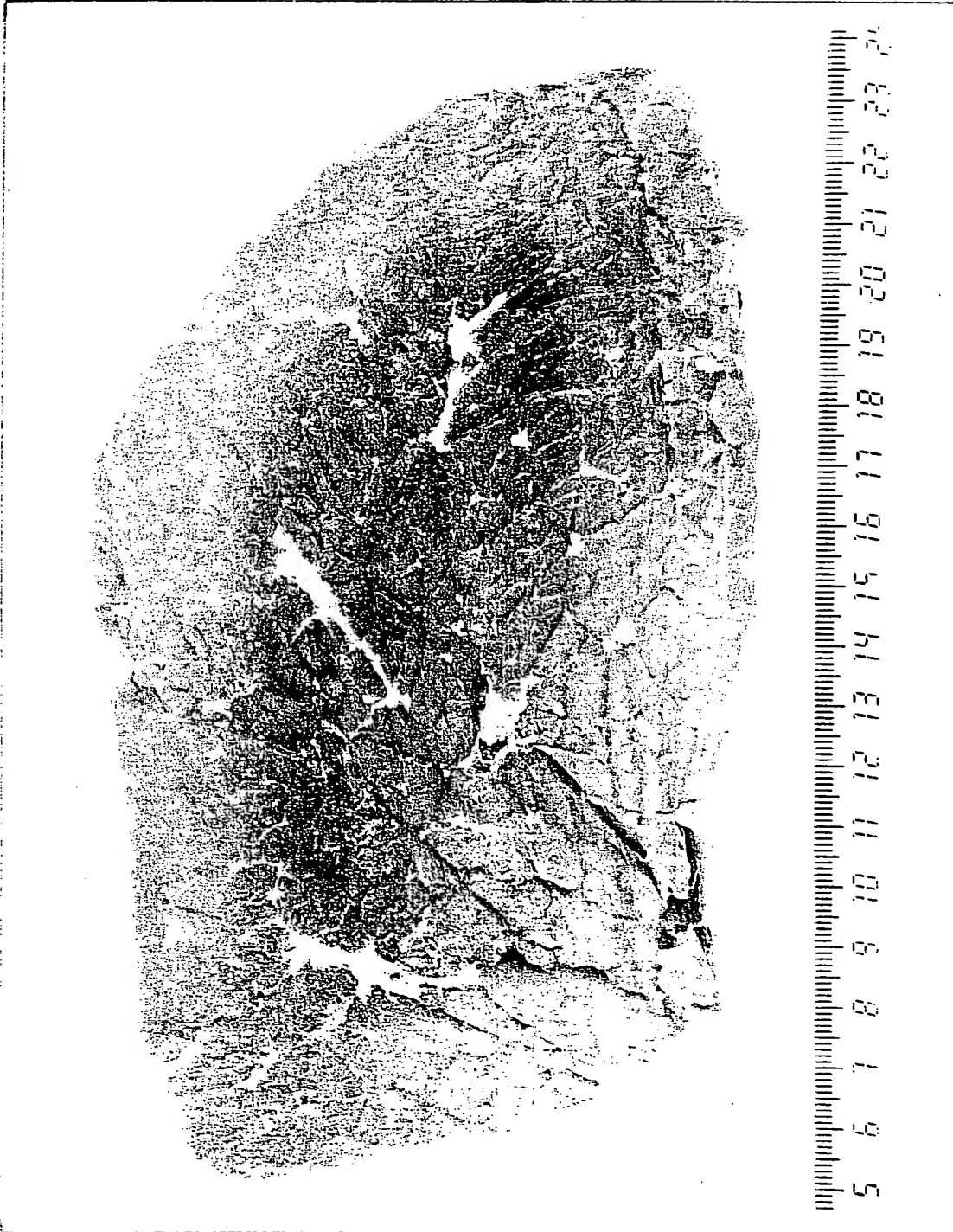


Fig - 7

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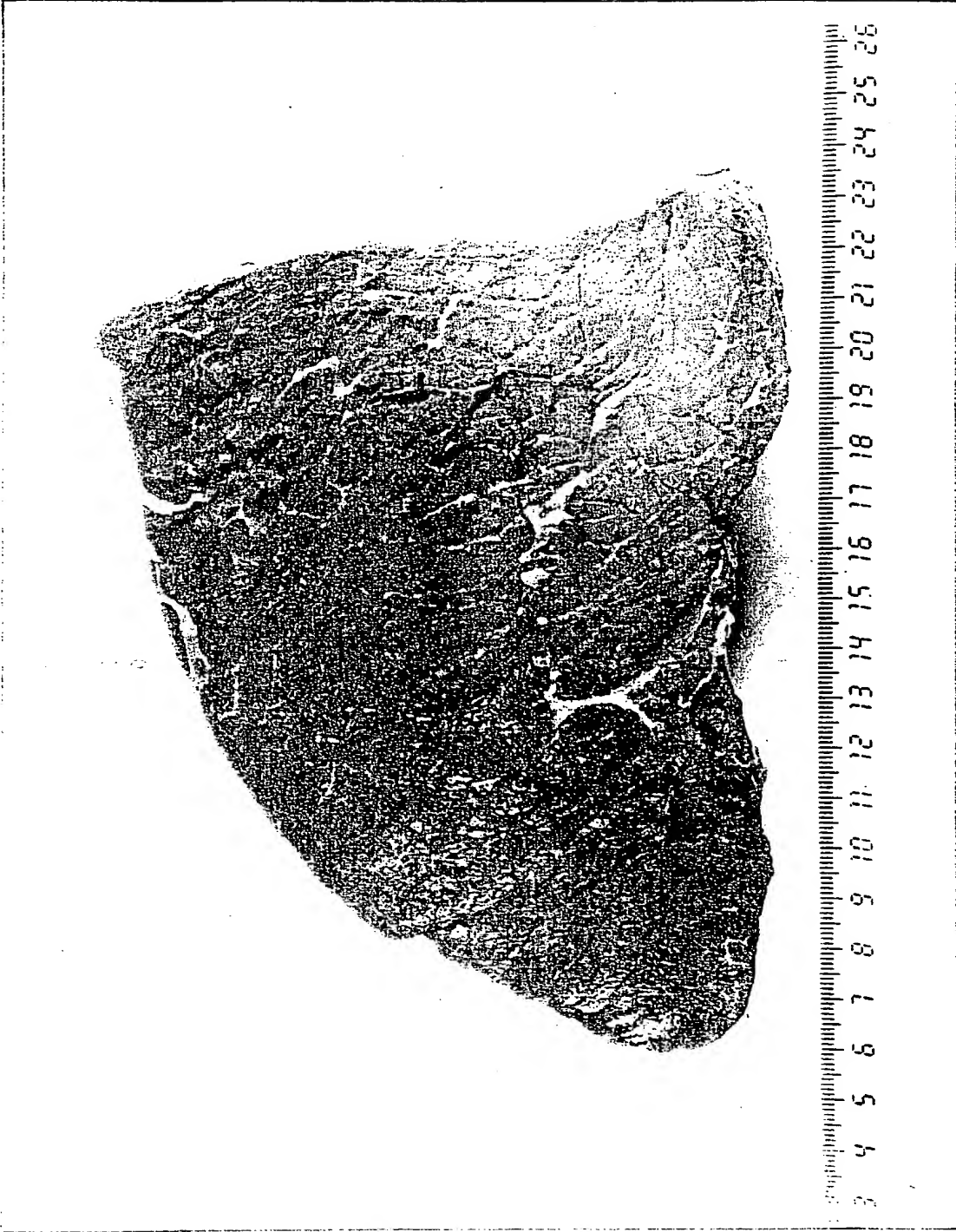


Fig - 8

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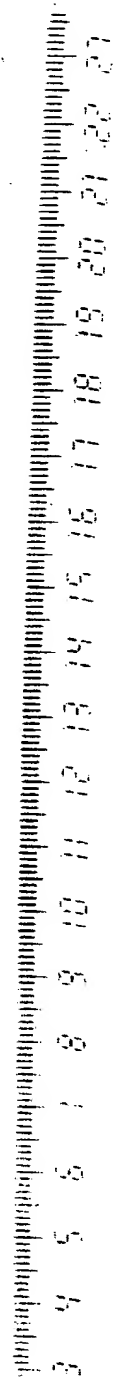
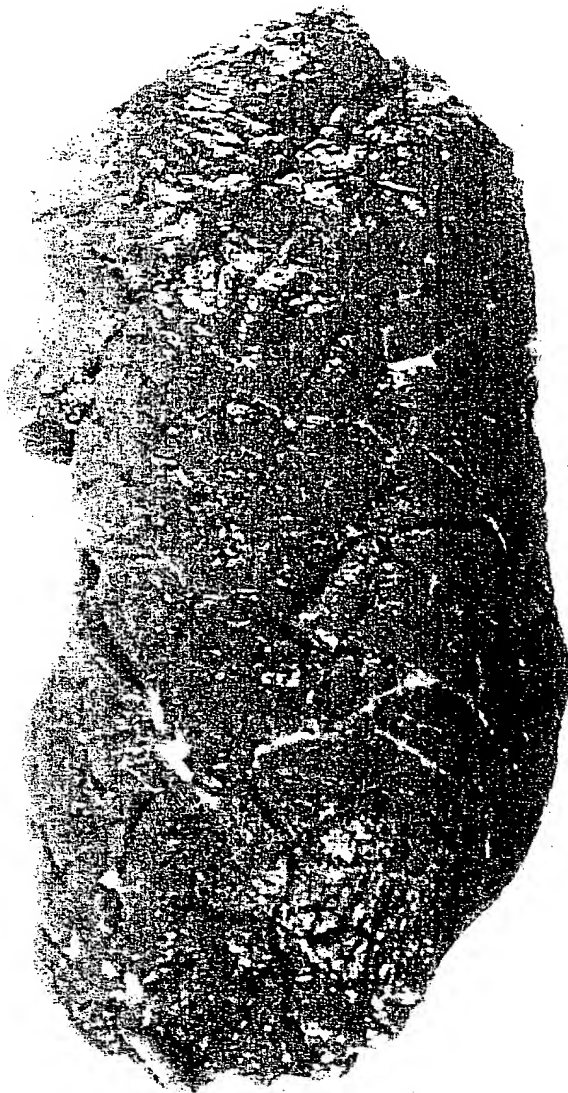


Fig - 9



09661509" 091300

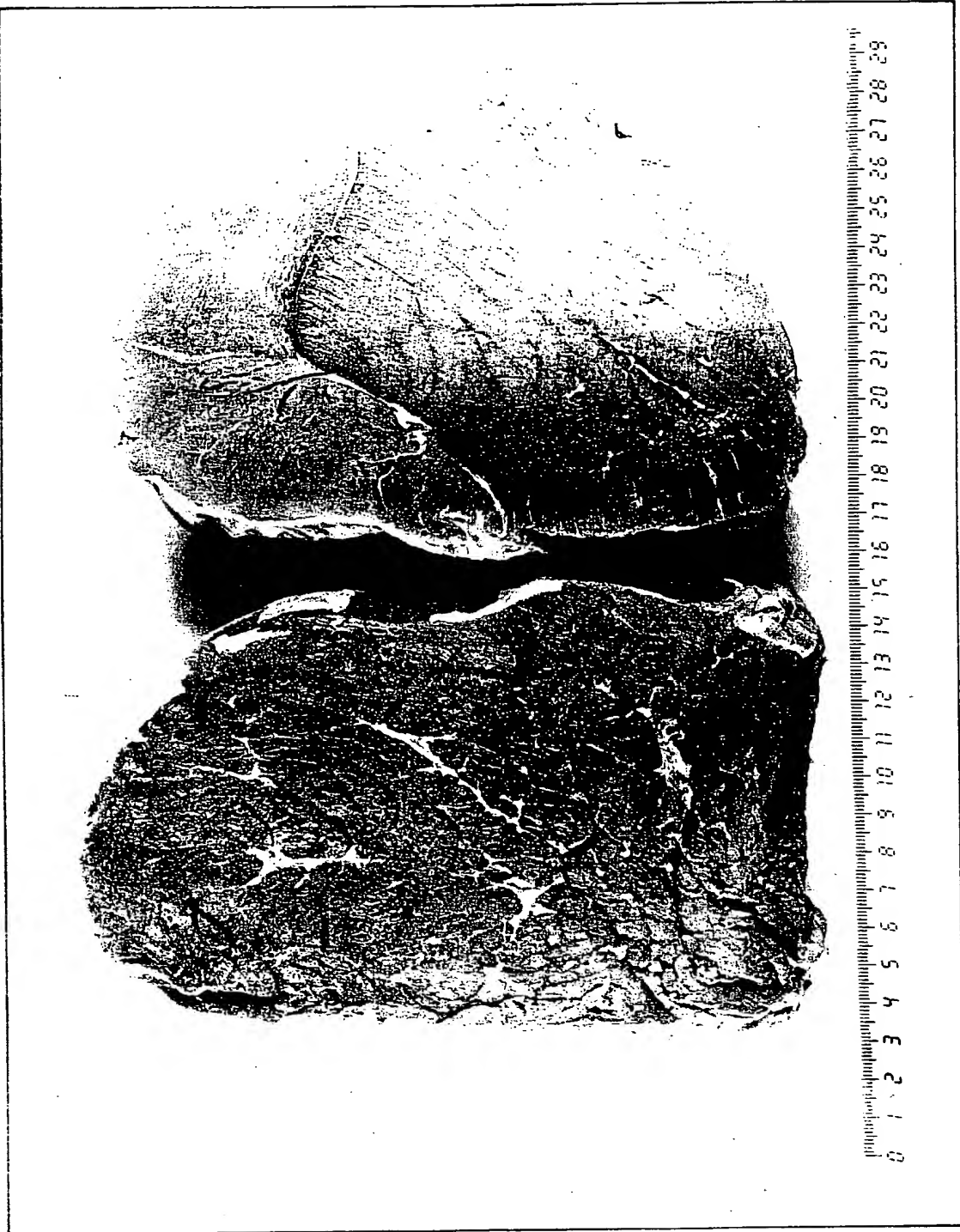
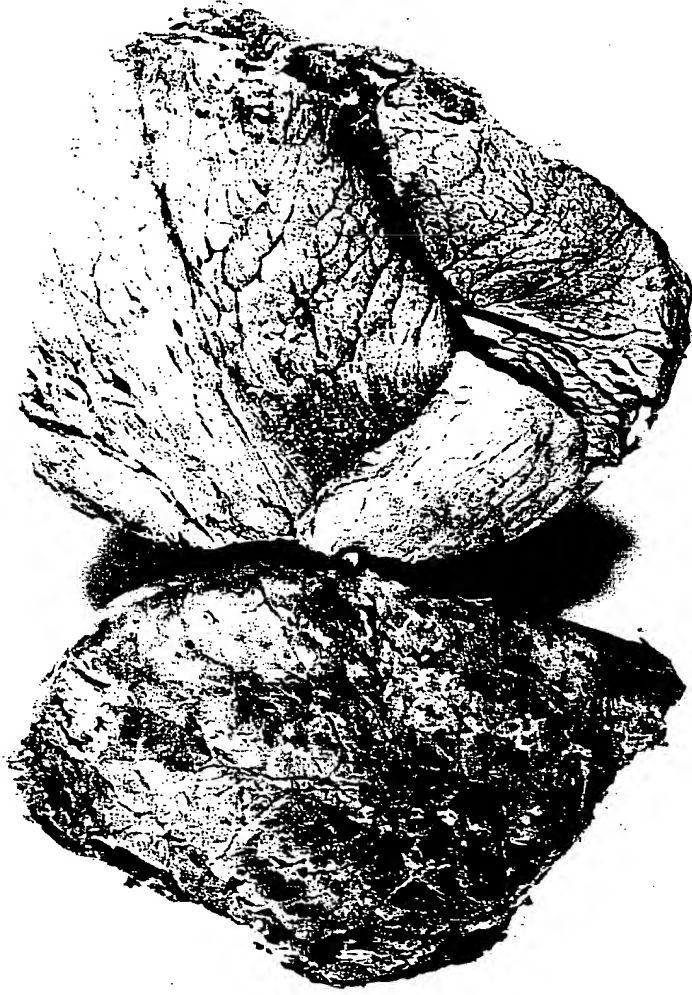


Fig - 10

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0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

Fig - 11



Fig - 12

00ET60" 60ST9960

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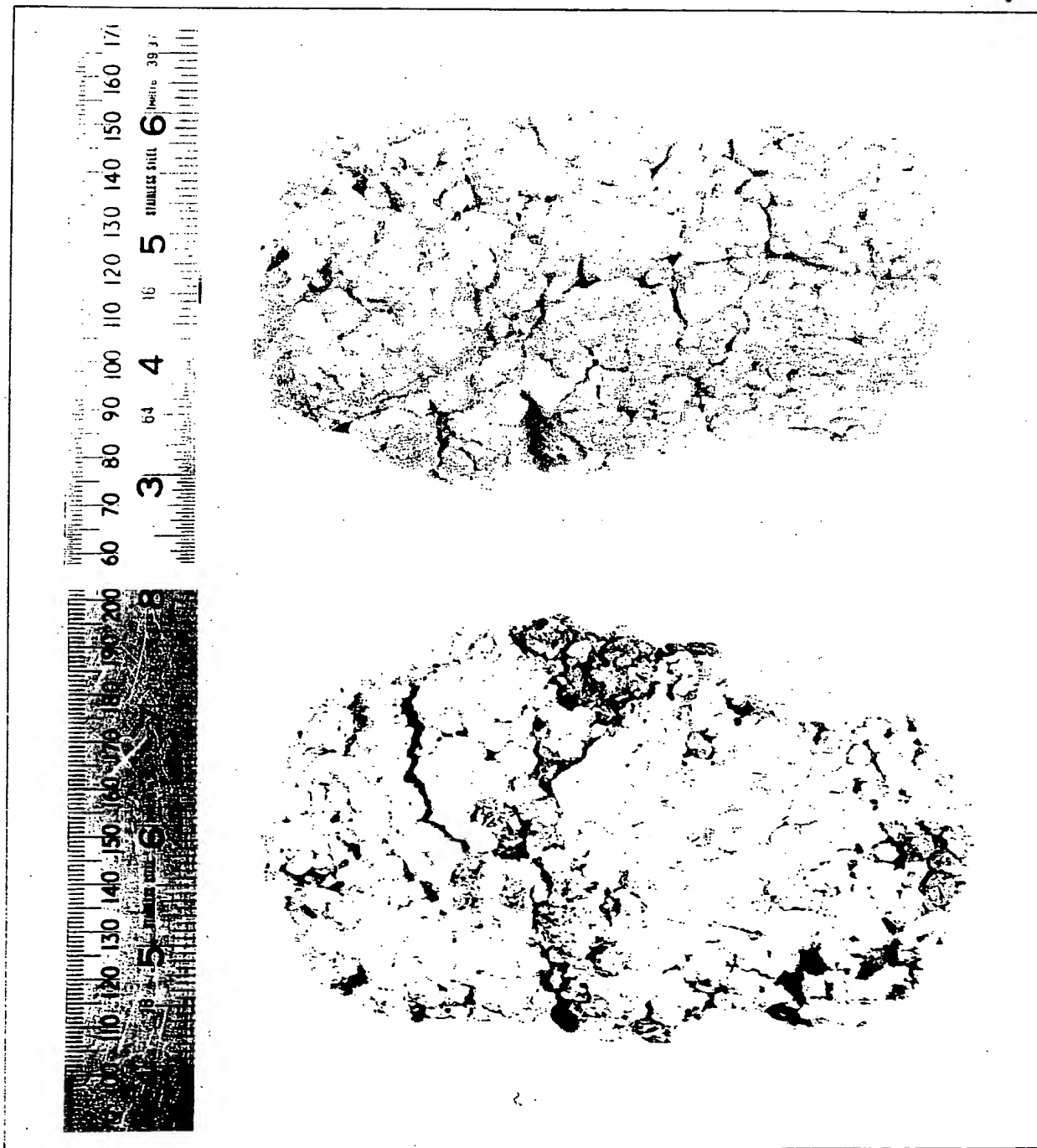


Fig - 13

**Growth of E. Coli O157:H7 on beef  
under defined atmosphere**

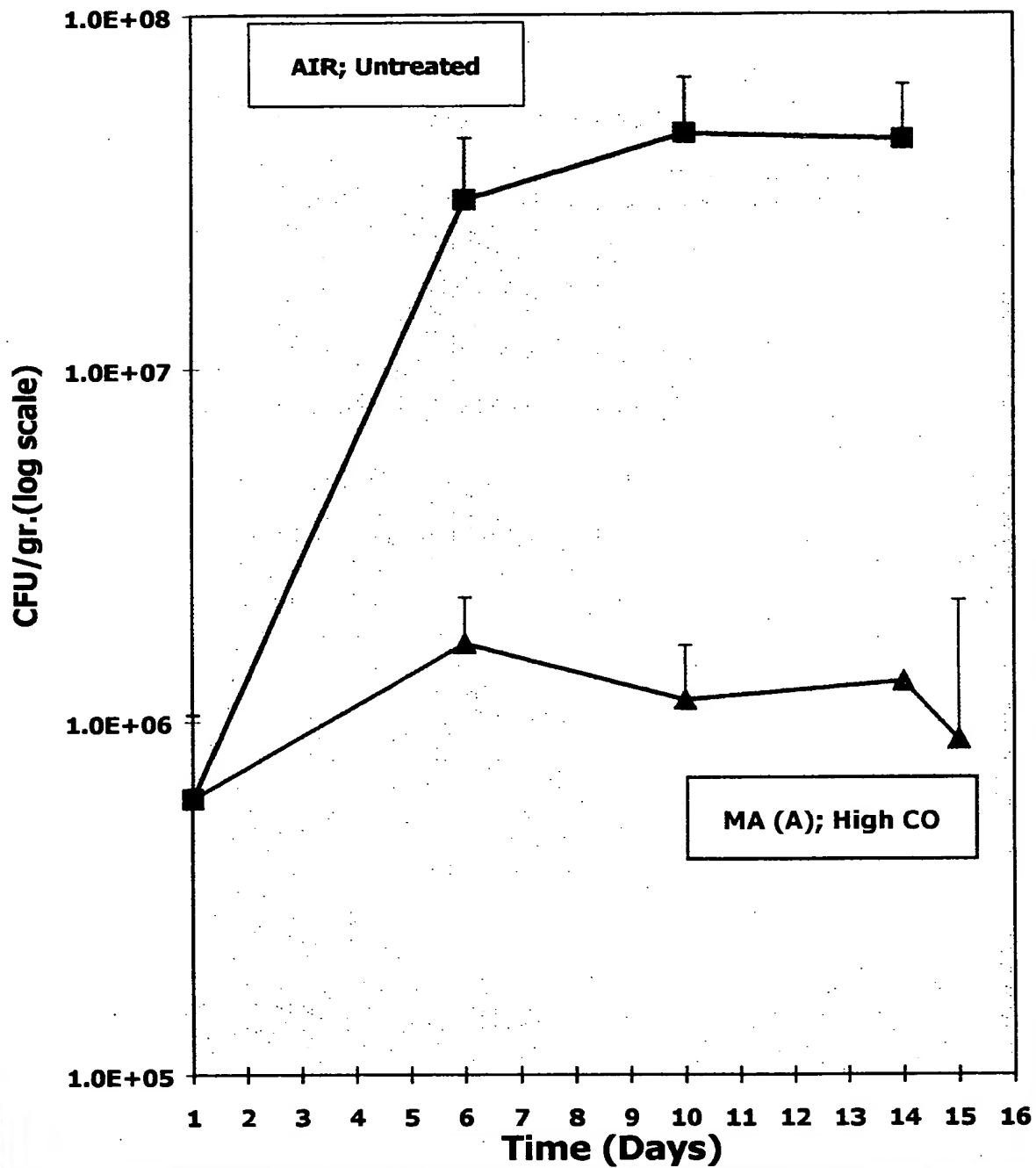


Fig 14

# Growth of E. Coli O157:H7 on beef under defined atmosphere

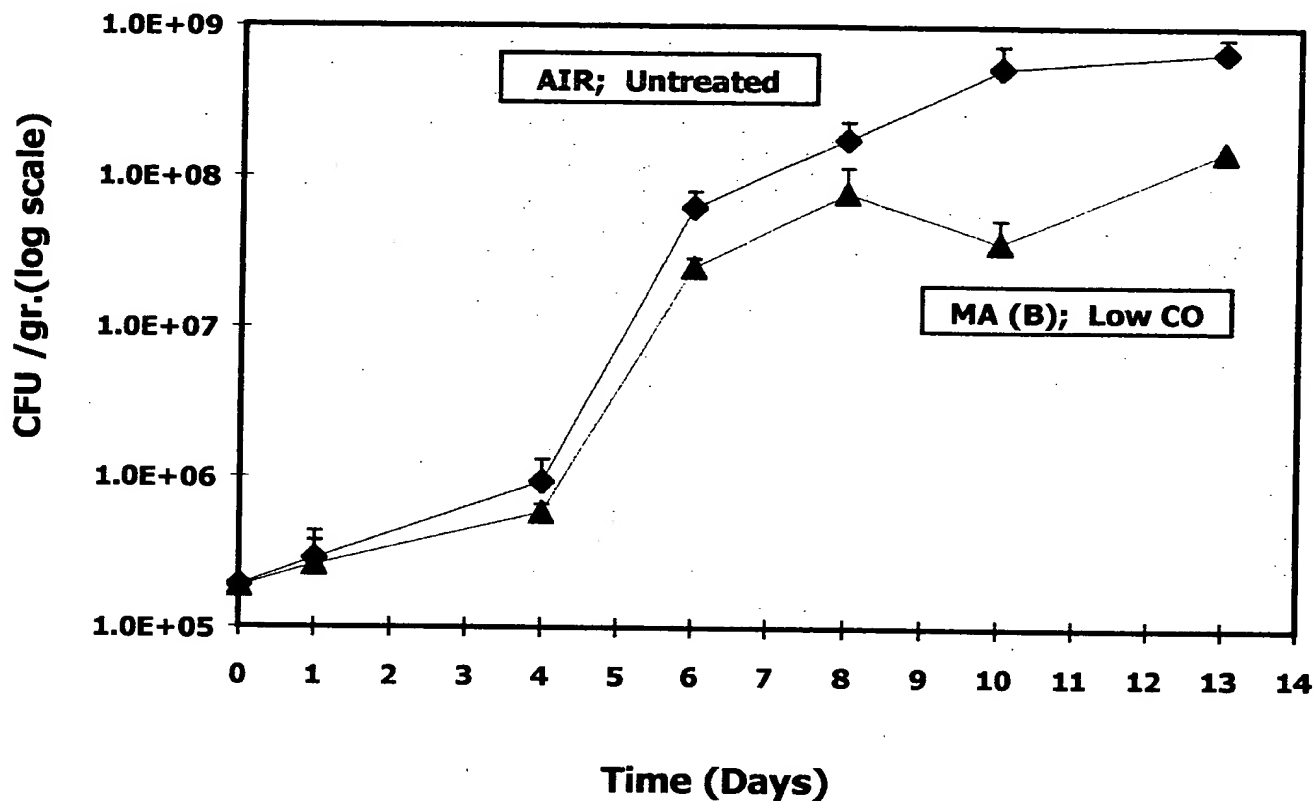


Fig 15

# Growth of *Pseudomonas fluorescens* on beef under defined atmosphere

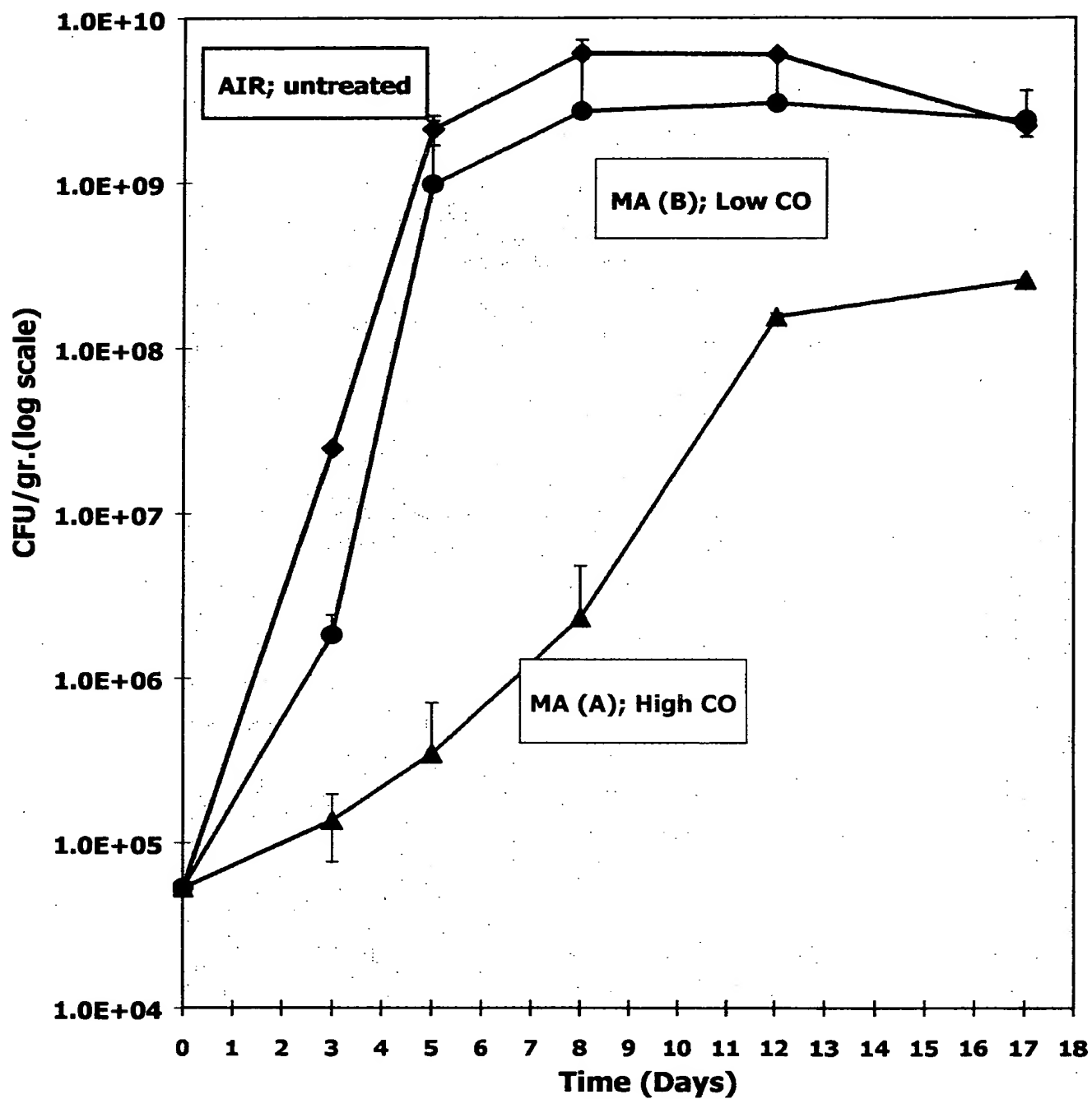


Fig 16

00E160" 605T9960

# Growth of Staphylococcus aureus on beef under defined atmosphere

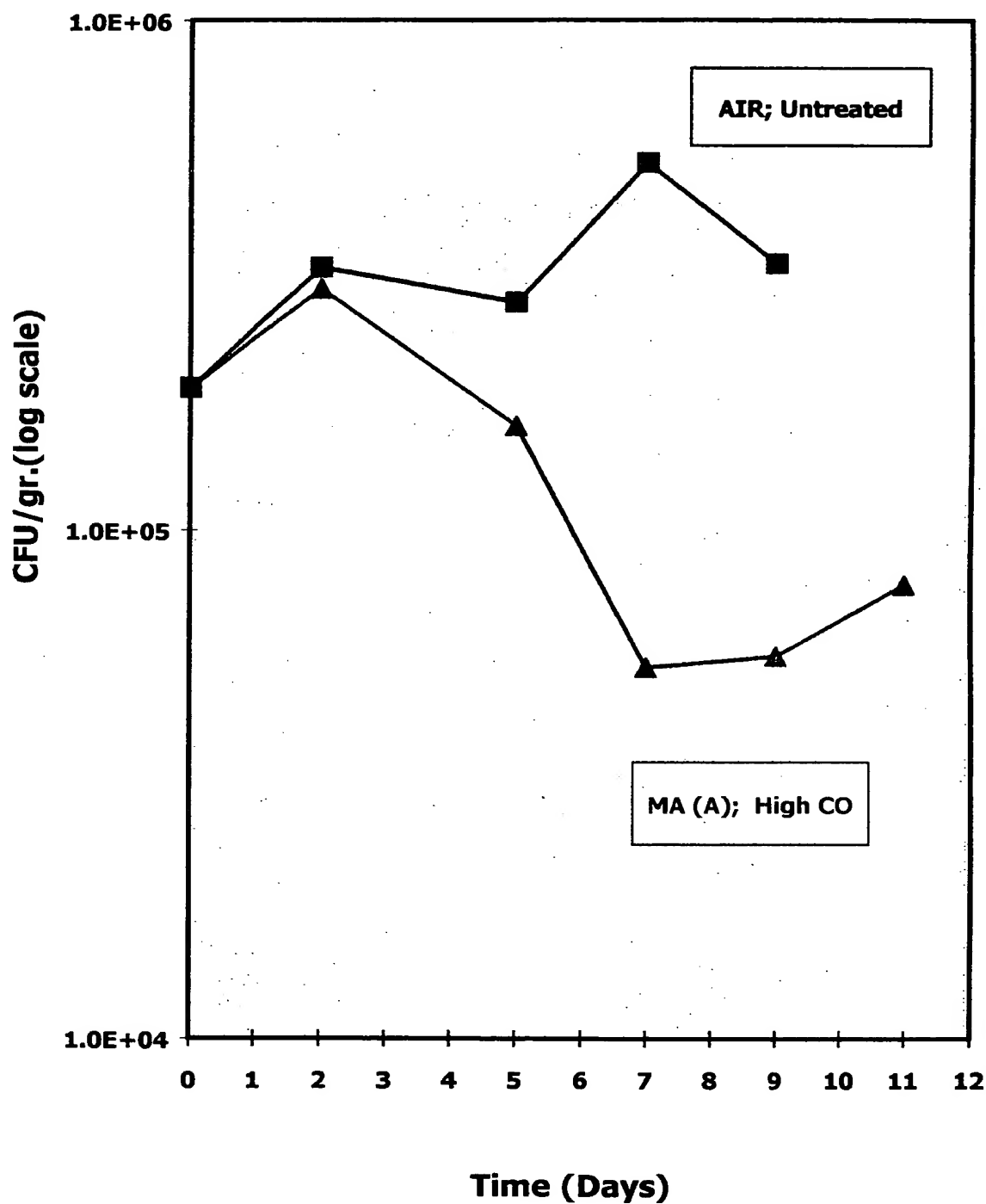


Fig 17



00E160" 605T9960

### Growth of *Listeria monocytogenes* on beef under defined atmosphere

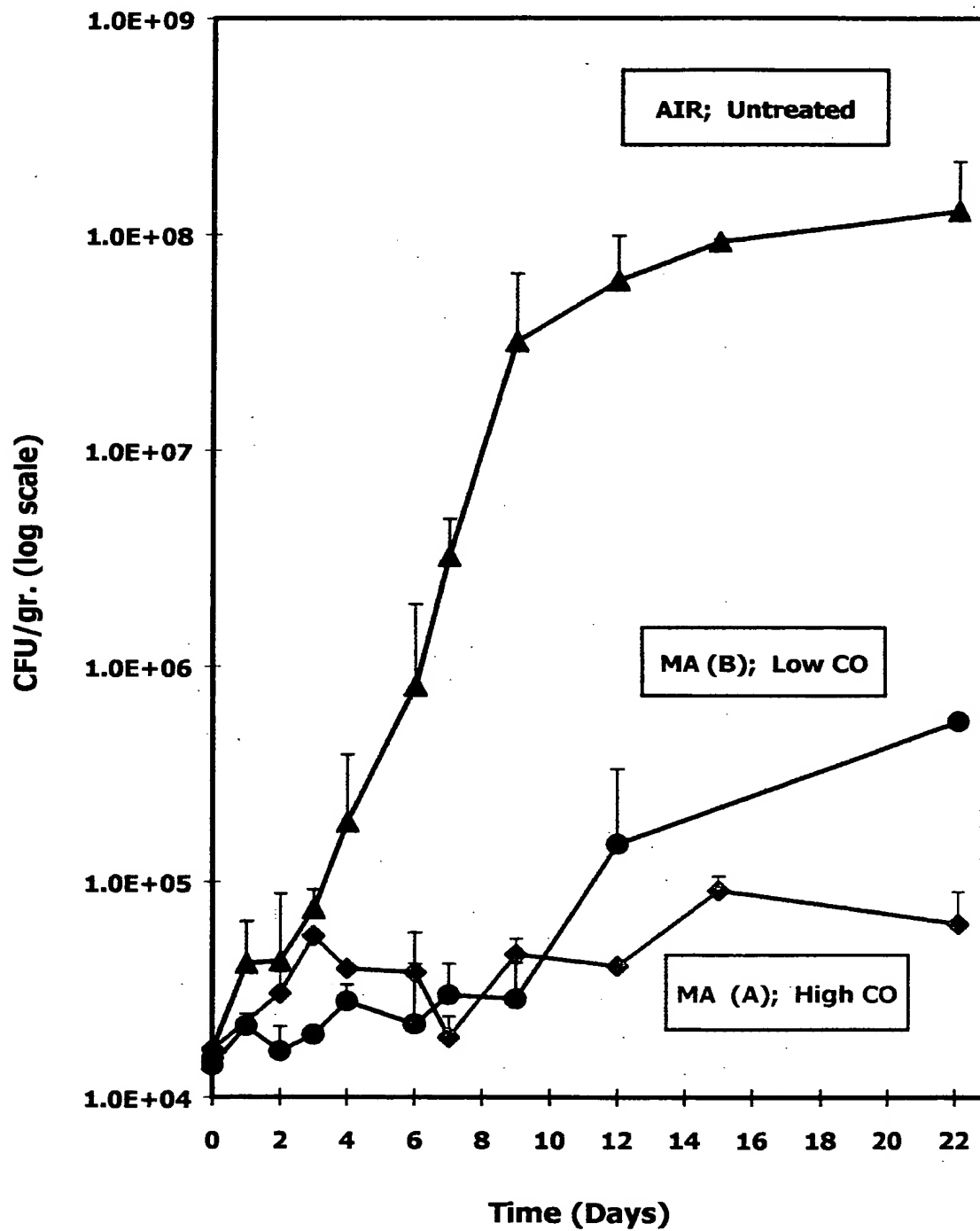


Fig 18

00ET60" 605T9960

# Growth of Clostridium prefringens on beef under defined atmosphere

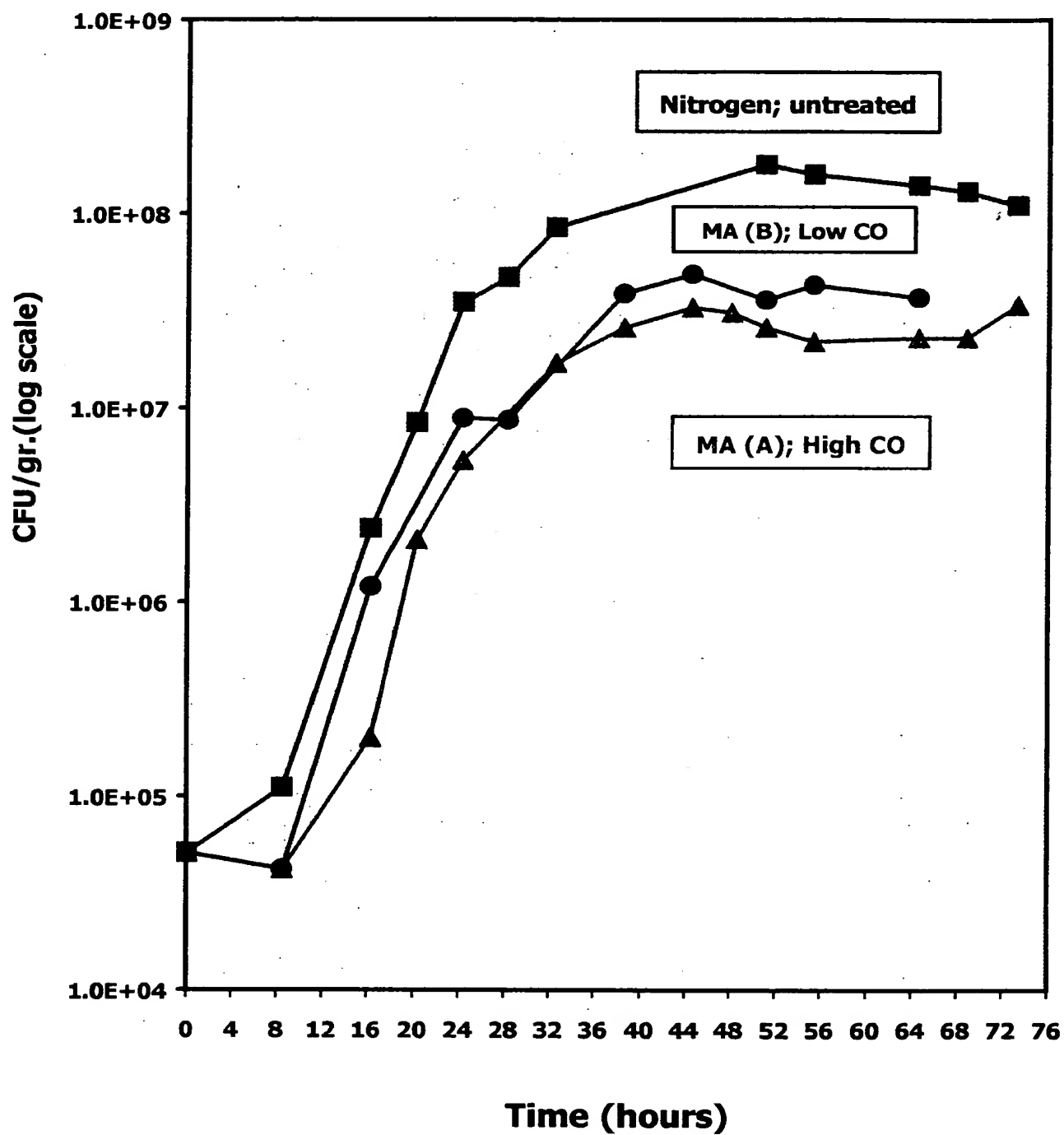


Fig 19

## Growth of Salmonella Typhimurium on beef under defined atmosphere

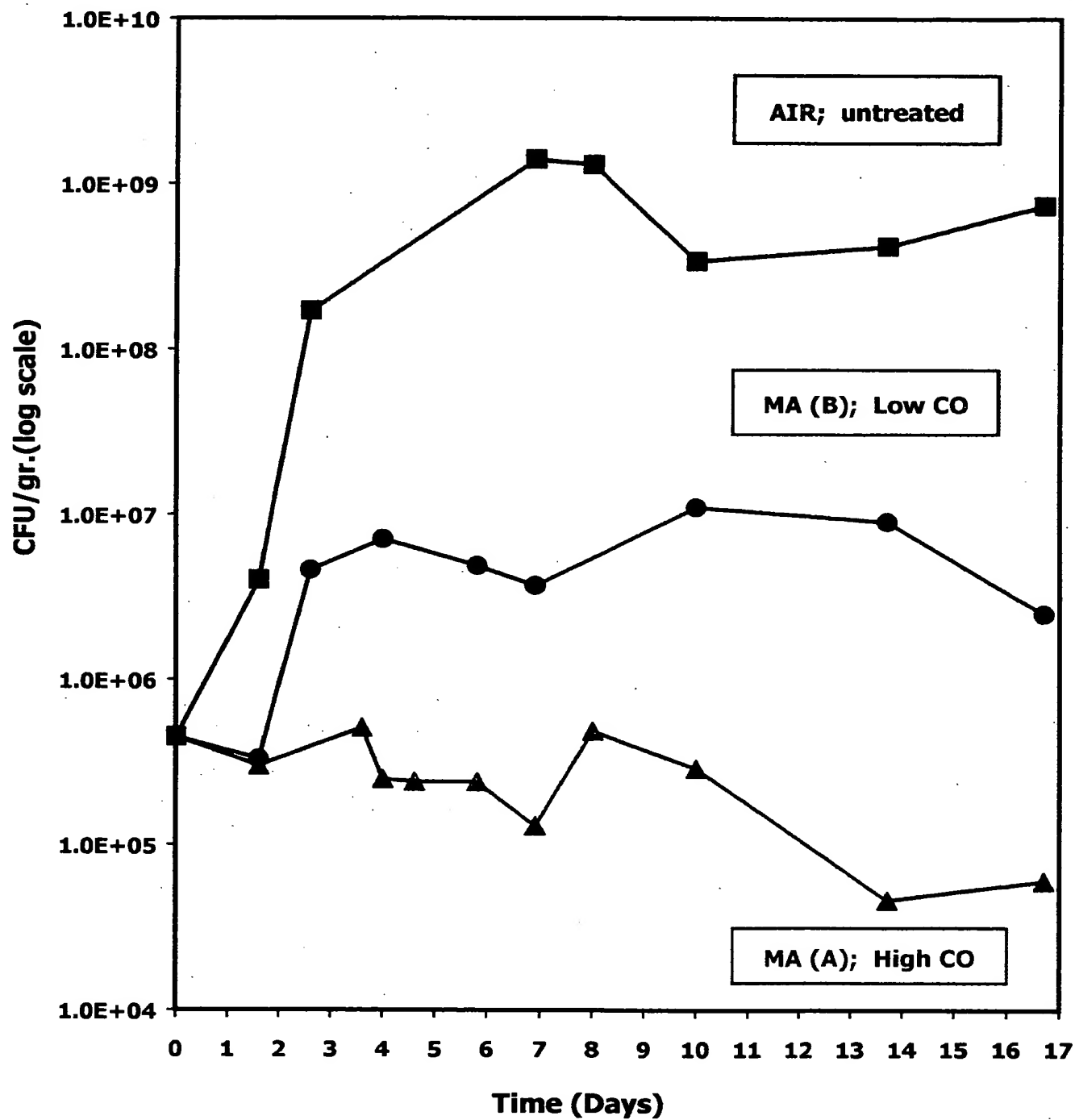


Fig 20

# Growth of *Listeria monocytogenes* on poultry under defined atmosphere

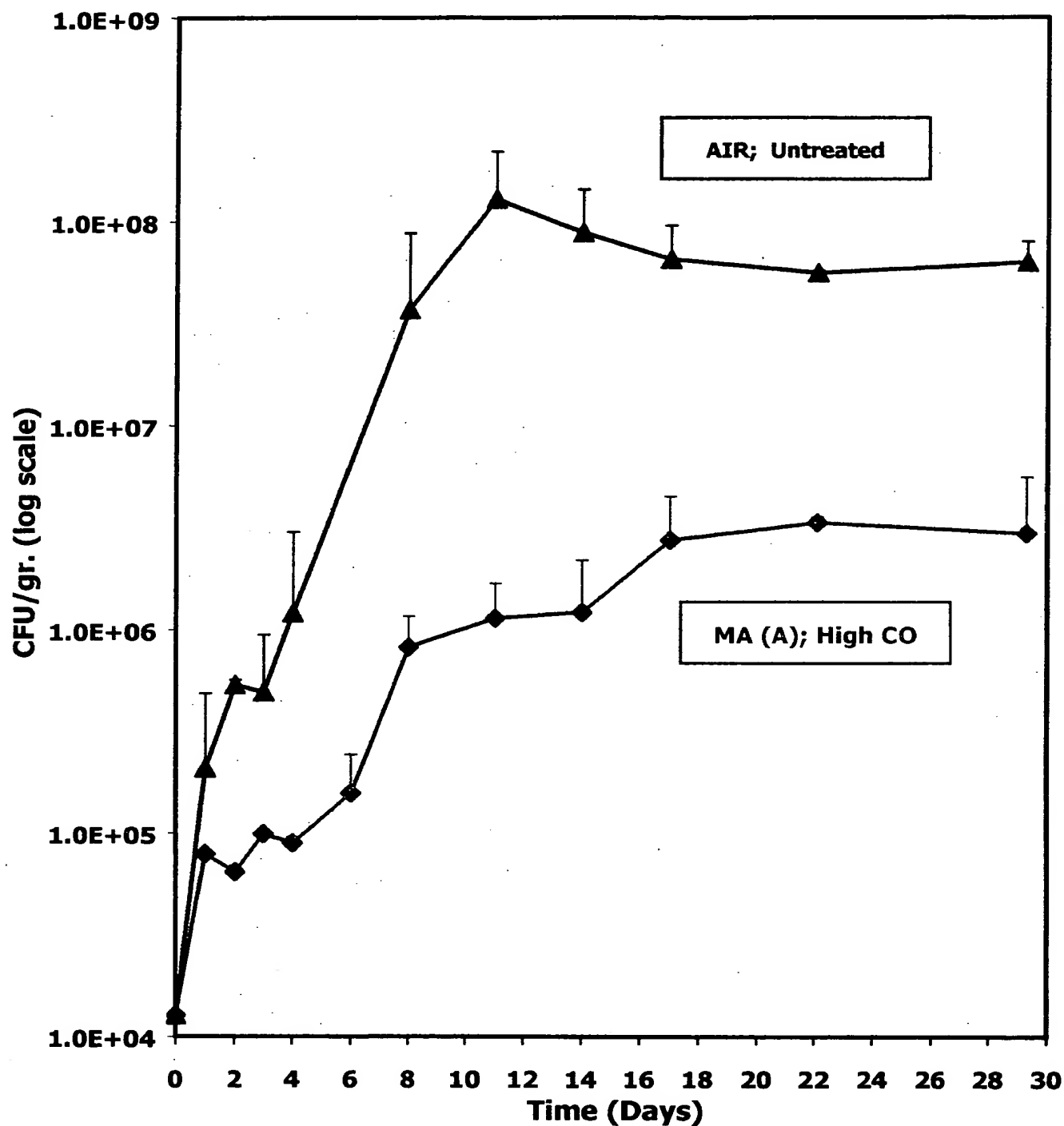


Fig 21

# Growth of *Pseudomonas fluorescens* on poultry under defined atmosphere

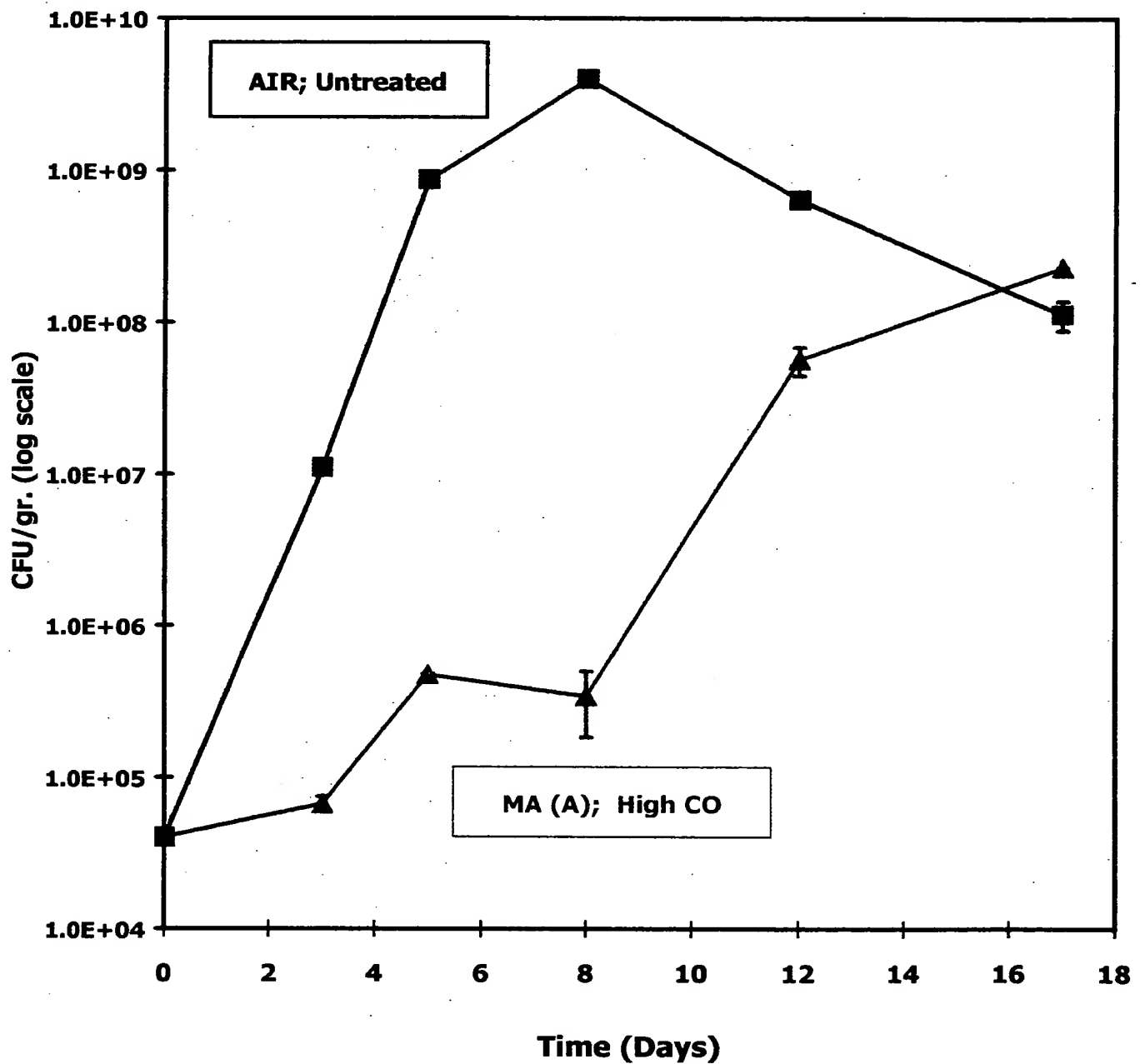


Fig 22

# **Growth of Clostridium prefringens on poultry under defined atmosphere**

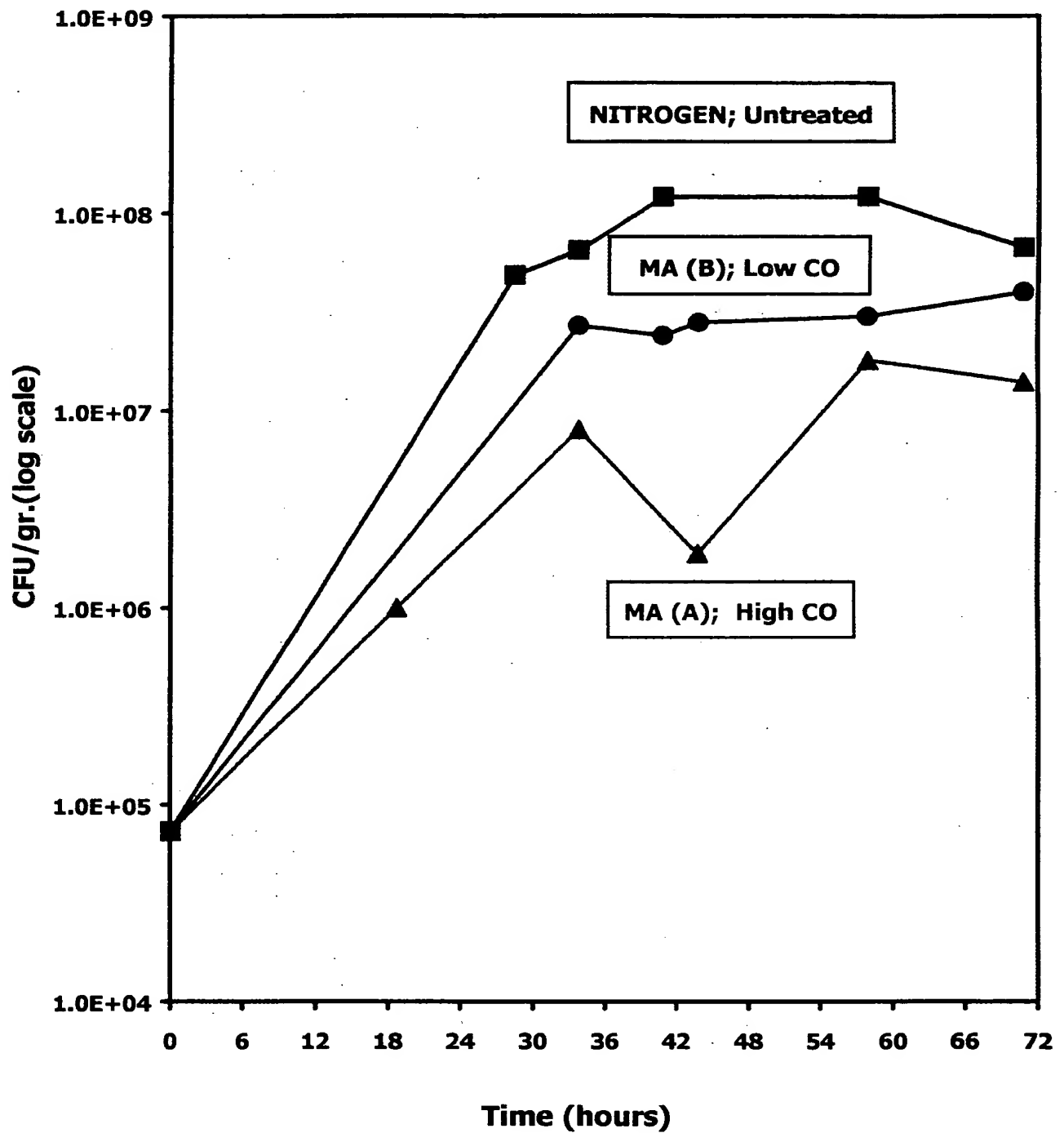


Fig 23

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